

INTERNATIONAL SEARCH REPORT

ational Application No

/JP2004/003774

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C04B35/488 H01M8/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C04B H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BADWAL S P S ET AL: "Scandia-zirconia electrolytes for intermediate temperature solid oxide fuel cell operation" SOLID STATE IONICS, NORTH HOLLAND PUB. COMPANY. AMSTERDAM, NL, vol. 136-137, 2 November 2000 (2000-11-02), pages 91-99, XP004225912 ISSN: 0167-2738 whole document, in particular "Results and Discussion" and "Conclusions" --- -/--	12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

8 June 2004

Date of mailing of the international search report

29/06/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 06, 31 July 1995 (1995-07-31) -& JP 07 073891 A (TOHO GAS CO LTD), 17 March 1995 (1995-03-17) abstract figure 2	12
X	----- DATABASE WPI Section Ch, Week 198141 Derwent Publications Ltd., London, GB; Class E36, AN 1981-74991D XP002283581 -& JP 56 109871 A (TOYOTA JIDOSHA KK), 31 August 1981 (1981-08-31) abstract figures; table 3	12
X	----- US 4 205 051 A (SUZUKI YUTAKA ET AL) 27 May 1980 (1980-05-27) reference example 1	12
A	----- DATABASE HCAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; TAKEUCHI, TOMONARI ET AL: "Improvement of mechanical strength of 8 mol% yttria-stabilized zirconia ceramics by spark-plasma sintering" retrieved from STN Database accession no. 2002:316802 XP002283582 abstract & JOURNAL OF THE ELECTROCHEMICAL SOCIETY , 149(4), A455-A461 CODEN: JES0AN; ISSN: 0013-4651, 2002,	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

national Application No

T/JP2004/003774

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 07073891	A	17-03-1995	NONE	
JP 56109871	A	31-08-1981	NONE	
US 4205051	A	27-05-1980	JP 1201659 C	25-04-1984
			JP 54057506 A	09-05-1979
			JP 58033190 B	18-07-1983
			DE 2837593 A1	19-04-1979